



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Douglas P. Seams Art Unit : 3672
Serial No. : 10/723,322 Examiner : William P. Neuder
Filed : November 26, 2003
Title : METHOD AND SYSTEM FOR EXTRACTION OF RESOURCES FROM A
 SUBTERRANEAN WELL BORE

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant requests consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Terry J. Stalford
Reg. No. 39,522

Date: March 30, 2005

Fish & Richardson P.C.
5000 Bank One Center
1717 Main Street
Dallas, Texas 75201
Telephone: (214) 292-4088
Facsimile: (214) 747-2091

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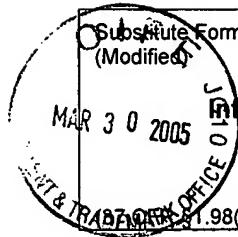
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(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
17601-042001Application No.
10/723,322
**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)
Applicant
Douglas P. SeamsFiling Date
November 26, 2003Group Art Unit
3672**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	4,651,836	03/24/1987	Richards et al.			
	A2	4,929,348	05/29/1990	Rice et al.			
	A3	5,099,921	03/31/1992	Puri et al.			
	A4	5,562,159	10/08/1996	Smith et al.			
	A5	6,646,441	11/11/2003	Thompson et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1							
	B2							
	B3							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C1	Santos, Helio, SPE, Impact Engineering Solutions and Jesus Olaya, Ecopetrol/ICP, "No-Damage Drilling: How to Achieve this Challenging Goal?", SPE 77189, Copyright 2002, presented at the IADC/SPE Asia Pacific Drilling Technology, Jakarta, Indonesia, 09/09-11/2002, 10 pages
	C2	Santos, Helio, SPE, Impact Engineering Solutions, "Increasing Leakoff Pressure with New Class of Drilling Fluid," SPE 78243, Copyright 2002, presented at the SPE/ISRM Rock Mechanics Conference in Irving, Texas, 10/20-23/2002, 7 pages
	C3	Franck Labenski, Paul Reid, SPE, and Helio Santos, SPE, Impact Solutions Group, "Drilling Fluids Approaches for Control of Wellbore Instability in Fractured Formations," SPE/IADC 85304, Society of Petroleum Engineers, Copyright 2003, presented at the SPE/IADC Middle East Drilling Technology Conference & Exhibition in Abu Dhabi, UAE, 10/20-22/2003, 8 pages
	C4	P. Reid, SPE, and H. Santos, SPE, Impact Solutions Group, "Novel Drilling, Completion and Workover Fluids for Depleted Zones: Avoiding Losses, Formation Damage and Stuck Pipe," SPE/IADC 85326, Society of Petroleum Engineers, Copyright 2003, presented at the SPE/IADC Middle East Drilling Conference & Exhibition in Abu Dhabi, UAE, 10/20-22/2003, 9 pages
	C5	Craig C. White and Adrian P. Chesters, NAM; Catalin D. Ivan, Sven Maikranz and Rob Nouris, M-I L.L.C., "Aphron-based drilling fluid: Novel technology for drilling depleted formations," WORLD OIL, Drilling Report Special Focus, October 2003, 5 pages
	C6	Robert E. Snyder, "Drilling Advances," WORLD OIL, October 2003, 1 page

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-042001	Application No. 10/723,322
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Douglas P. Seams		
		Filing Date November 26, 2003	Group Art Unit 3672	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	C7	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (4 pages) and Written Opinion of the International Searching Authority (PCT Rule 43bis.1) (4 pages) re International Application No. PCT/US 2004/036920 mailed February 24, 2005
	C8	Molvar, Erik M., "Drilling Smarter: Using Directional Drilling to Reduce Oil and Gas Impacts in the Intermountain West," Prepared by Biodiversity Conservation Alliance, Report issued February 18, 2003, 34 pages
	C9	King, Robert F., "Drilling Sideways – A review of Horizontal Well Technology and Its Domestic Application," DOE/EIA-TR-0565, U.S. Department of Energy, April 1993, 30 pages
	C10	McLennan, John, et al., "Underbalanced Drilling Manual," Gas Research Institute, Chicago, Illinois, GRI Reference No. GRI-97/0236, copyright 1997, 502 pages
	C11	David C. Oyler and William P. Diamond, "Drilling a Horizontal Coalbed Methane Drainage System From a Directional Surface Borehole," PB82221516, National Technical Information Service, Bureau of Mines, Pittsburgh, PA, Pittsburgh Research Center, April 1982, 56 pages
	C12	K&M Technology Group – Case Studies, "Improving Your Drilling Performance," Website: http://www.kmtechnology.com/projects/case_studies.asp , printed March 17, 2005, 4 pages
	C13	U.S. Environmental Protection Agency, "Directional Drilling Technology," prepared for the EPA by Advanced Resources International under Contract 68-W-00-094, Coalbed Methane Outreach Program (CMOP), Website: http://search.epa.gov/s97is.vts , printed 3/17/2005, 13 pages
	C14	Calendar of Events – Conferences, "Unconventional Gas: Key to Energy Supply," 6 th Annual Unconventional Gas Conference, Calgary, Alberta, Canada, Website: http://www.csug.ca/cal/calc0401a.html , November 17-19, 2004, 7 pages
	C15	Information regarding San Juan 32-5 Unit, Well No. 100, completed on or about September 1, 1989 (44 pages)
	C16	Information regarding Rosa Unit, Well No. 381, completed on or about December 1, 2002 (25 pages)
	C17	Information regarding Rosa Unit, Well No. 379, completed on or about September 1, 2002 (26 pages)
	C18	Information regarding Rosa Unit, Well No. 371, completed on or about September 1, 2002 (30 pages)
	C19	Information regarding Rosa Unit, Well No. 273A, completed on or about December 1, 2003 (19 pages)
	C20	Information regarding Vandewart B, Well No. 3S, completed on or about August 1, 2004 (22 pages)

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